

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION		>> CAUTION PERMIT REQUIRED - ATTACH IN SPACE BELOW <<	
City, Town, or Plantation	LAMOINE	LAMOINE Date Permit Issued: <u>3/6/12</u> Local Plumbing Inspector Signature: <u>[Signature]</u>	PERMIT # 1682 TOWN COPY \$ <u>1,250</u> FEE <input type="checkbox"/> Double Fee Charged L.P.I. # <u>1,090</u>
Street or Road	DEAN LANE 56		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	HAVEY, KEITH		
Mailing Address of	C/O JAY FOWLER PARTRIDGE COVE ROAD LAMOINE, ME. 04605		
Daytime Tel. #	(207) 667-5147		
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit. Signature of Owner or Applicant: <u>[Signature]</u> Date: <u>2-29-12</u>		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. Local Plumbing Inspector Signature: <u>[Signature]</u> (1st Date Approved) <u>3-6-12</u> (2nd Date Approved) <u>5-12-12</u>	

PERMIT INFORMATION

TYPE OF APPLICATION <input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type Replaced: <u>TRENCH?</u> Year Installed: <u>PRIOR 1974</u> <input type="checkbox"/> 3. Expanded System a. < 25% Expansion b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance a. Local Plumbing Inspector Approval b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance a. Local Plumbing Inspector Approval b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) <u>1 BED-BUNKHOUSE</u> Current Use: <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	DISPOSAL SYSTEM COMPONENT(S) <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & all toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components TYPE OF WATER SUPPLY <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete a. Regular b. Low Profile <input type="checkbox"/> 2. Plastic <input checked="" type="checkbox"/> 3. Other: <u>3' PUMP TANK</u> CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <u>14 SIDE FEED CONCRETE CHAMBERS</u> a. Cluster Array <input type="checkbox"/> c. Linear b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE <u>1078</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>290</u> gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities <u>3 BEDROOM HOME: 270 GPD</u> <u>1-BED BUNKHOUSE: 20 GPD</u> <u>290 GPD</u> <input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA
SOIL DATA & DESIGN CLASS PROFILE <u>3 / D</u> CONDITION _____ at Observation Hole # <u>2</u> Depth <u>13</u> " OF MOST LIMITING SOIL FACTOR _____	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	LATITUDE AND LONGITUDE at Center of Disposal Area Lat. <u>44° 28' 51" N</u> Lon. <u>68° 15' 57" W</u> If g.p.s., state margin of error <u>30'</u>

SITE EVALUATOR STATEMENT

I certify that on 4-27-10 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241)

<u>William A. LaBelle, Jr.</u> Site Evaluator Signature WILLIAM A. LABELLE, JR.	319 SE# (207) 537-5900 Telephone Number	<u>5-1-11</u> Date labelleseptic@rivah.net E-mail Address
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Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health
(207) 287-5672 FAX (207) 287-5165

Town, City, Plantation

LAMOINE

Street, Road, Subdivision

DEAN LANE

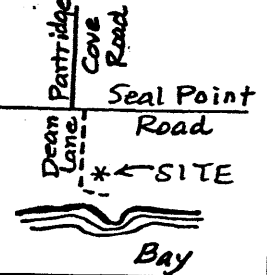
Owner or Applicant Name

KEITH HAVEY

SITE PLAN

Scale 1" = 60' R.

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)



(SEE ATTACHED SITE PLAN)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

1/2" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY	FRIABLE	DARK BROWN (7.5YR 3/2)	N.E.
STONY			FEW
LOAM	FIRM	BROWN (7.5YR 4/4)	DISTINCT TO COMMON
(STANDING WATER @ 21")			DISTINCT

Observation Hole #2 ☒ Test Pit ☐ Boring

1" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		BROWN (10YR 4/3)	N.E.
STONY	FRIABLE	YEL. BROWN (10YR 5/6)	COMMON
LOAM	FIRM	YELLOWISH BROWN (10YR 5/4)	DISTINCT TO MANY
(STANDING WATER @ 17")			PROMINENT

Soil Profile 3 Classification D Slope 6% Limiting Factor 14' Depth

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Soil Profile 3 Classification D Slope 6% Limiting Factor 13' Depth

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Site Evaluator's Signature

319
S.E.#

5-1-11
Date

SITE PLAN:

SCALE: 1" = 60 FT.

14" DIA. BIRCH, FOR TIE

MAGNETIC
NORTH

INSTALL CURTAIN DRAIN

PROPOSED 14 SIDE FEED CHAMBERS

PROPOSED 1000 GAL. SEPTIC TANK

OVERHEAD
UTILITY LINE
CAUTION!!!

2" PUMP LINE, PROTECT FROM
FREEZING AND CRUSHING.

DRIVE

50' R/W

APPROX.
PROPERTY
LINE

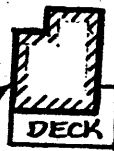
WELL

PUMP AND REMOVE
EXISTING TANK AND
PUMP TANK. PLACE
NEW 3' PUMP TANK.
MANUFACTURER TO SIZE
PUMP.



BUNK
HOUSE

3 BEDROOM
HOME



DECK

APPROX. HIGH WATER

Bay

WIC 2017

Site Evaluator's Signature

319

S.E. #

5-1-11

Date

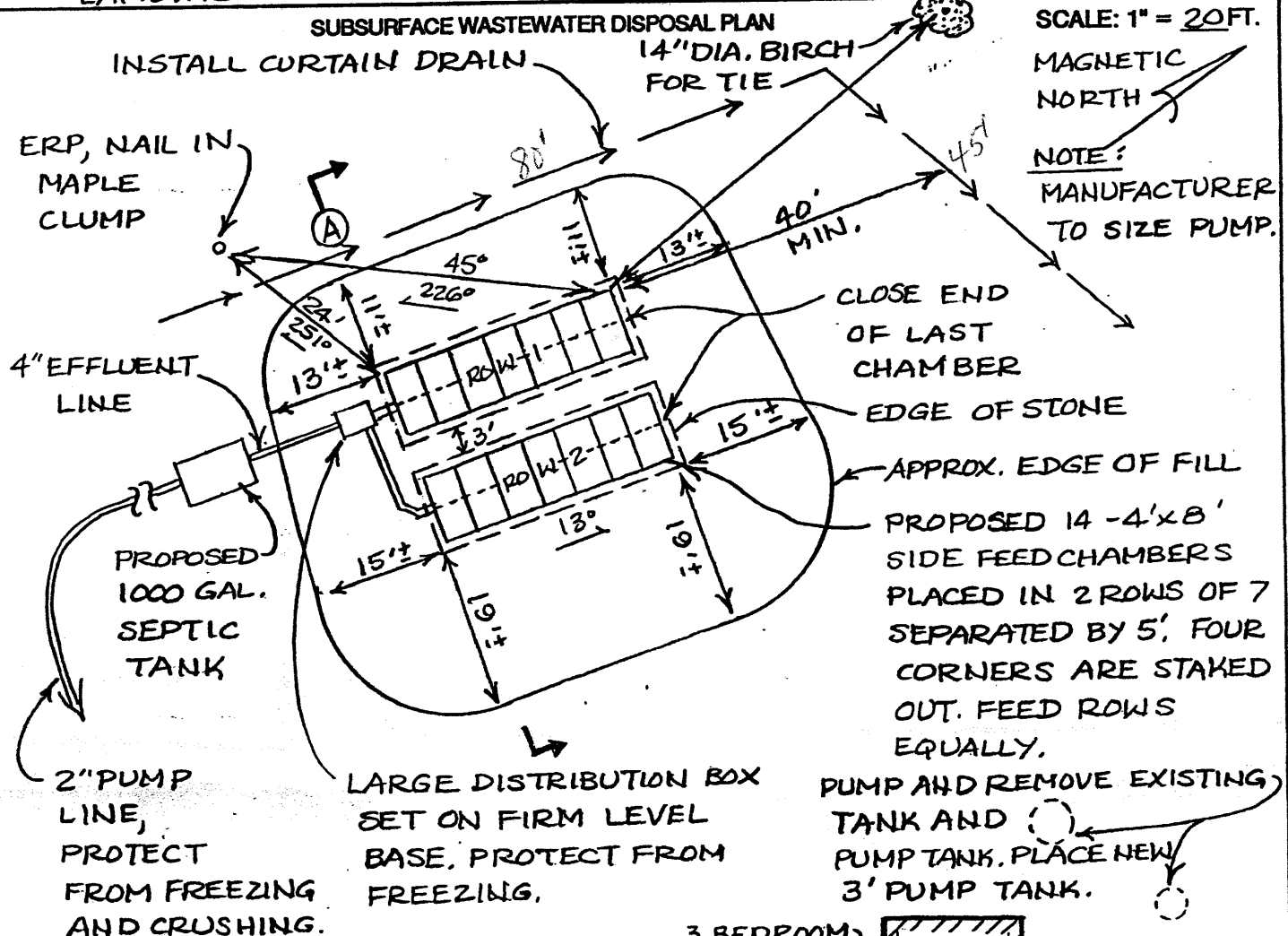
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health
(207) 287-6672 FAX (207) 287-6165

Town, City, Plantation
LA MOINE

Street, Road, Subdivision
DEAN LANE

Owner or Applicant Name
KEITH HAVEY



FILL REQUIREMENTS

Depth of Backfill (Upslope) 31"
Depth of Backfill (Downslope) 36"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation (See)
Top of Distribution Pipe or Proprietary Device attached
Bottom of Disposal Field X-sec.)

SYSTEM

PRIVY:

ELEVATION REFERENCE POINT
Location & Description NAIL 33"
ABOVE GROUND IN MAPLE
CLUMP.
Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

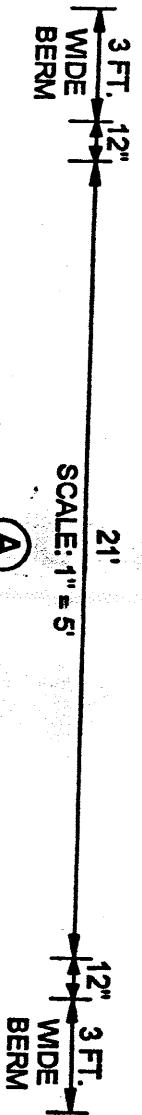
1. GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
2. ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE SUBSURFACE WASTEWATER DISPOSAL RULES; EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE MARCH 2003 EDITION OF THE MAINE DEP HANDBOOK "MAINE EROSION AND SEDIMENT CONTROL BMPs" (DEPLW0588).
3. INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH GRADE ON INLET, CLEANOUT AND OUTLET COVERS (RECOMMEND EXTENDING RISERS TO FINISH GRADE); INSTALL RISER TO FINISH GRADE OF APPROPRIATE SIZE TO ALLOW PUMP REMOVAL ON ALL IN-TANK PUMP CHAMBERS AND SEPARATE PUMP TANKS.
4. PROTECT LIFT STATION AND PUMP TANKS FROM FREEZING.

W. C. 207
Site Evaluator's Signature

319
S.E. #

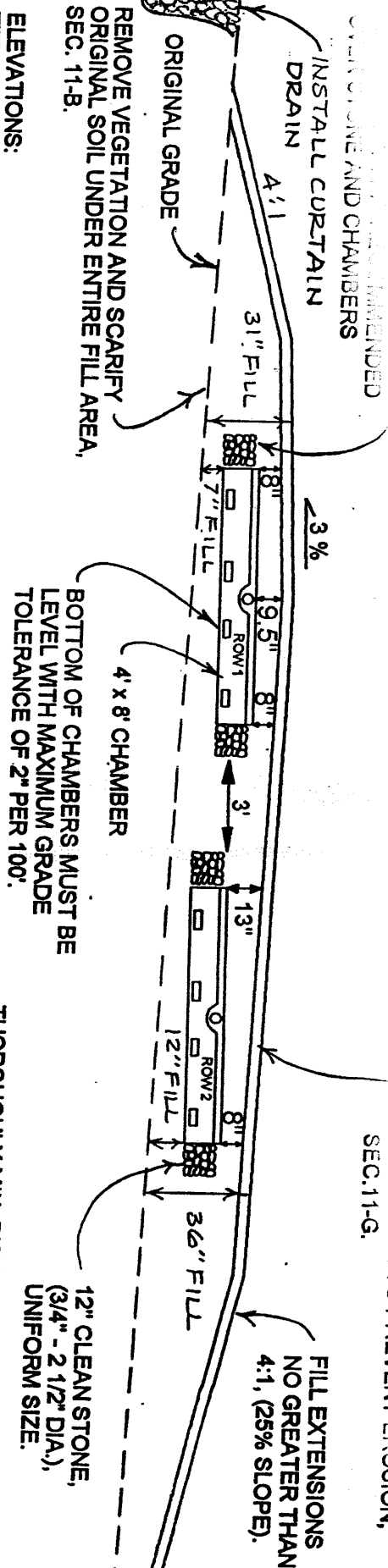
5-1-11
Date

DISPOSAL AREA CROSS SECTION SLOPE 5 %



FILL MATERIAL SHALL BE 8"-12" THICK
OVER CHAMBERS AND SHALL BE GRAVELLY

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER; SEED AND
MULCH TO PREVENT EROSION,
SEC. 11-G.



BOTTOM OF CHAMBERS MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 4 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

12" CLEAN STONE,
(3/4" - 2 1/2" DIA.),
UNIFORM SIZE.

ELEVATIONS:
ELEV. REF. PT. (ERP):
FINISHED GRADE:
TOP OF CHAMBERS:
BOTTOM OF CHAMBERS:

ROW 1	ROW 2
0"	-20"
-20"	-28"
-31"	-39"
-44"	-52"

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRACTOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

OWNER: KEITH HAVEY
LOCATION: LARDOINE

William A. Labelle, Jr.
WILLIAM A. LABELLE, JR.

S.E.# 319

DATE 5-1-11

DISPOSAL AREA CROSS SECTION SLOPE 5 %

3 FT. 12" WIDE BERM
21' SCALE: 1" = 5'
12" 3 FT. WIDE BERM

(A)

FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND AND MULCH TO PREVENT EROSION, SEC. 11-G.

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE AND CHAMBERS

INSTALL CURTAIN DRAIN

ORIGINAL GRADE

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

BOTTOM OF CHAMBERS MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'.

4' x 8' CHAMBER

12" CLEAN STONE, (3/4" - 2 1/2" DIA.), UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4" OF FILL

ELEVATIONS:

ELEV. REF. PT. (ERP):

0"

ROW 1

ROW 2

OWNER: KEITH HAYEY
LOCATION: LAYOINE

IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

WILLIAM A. LABELLE, JR.

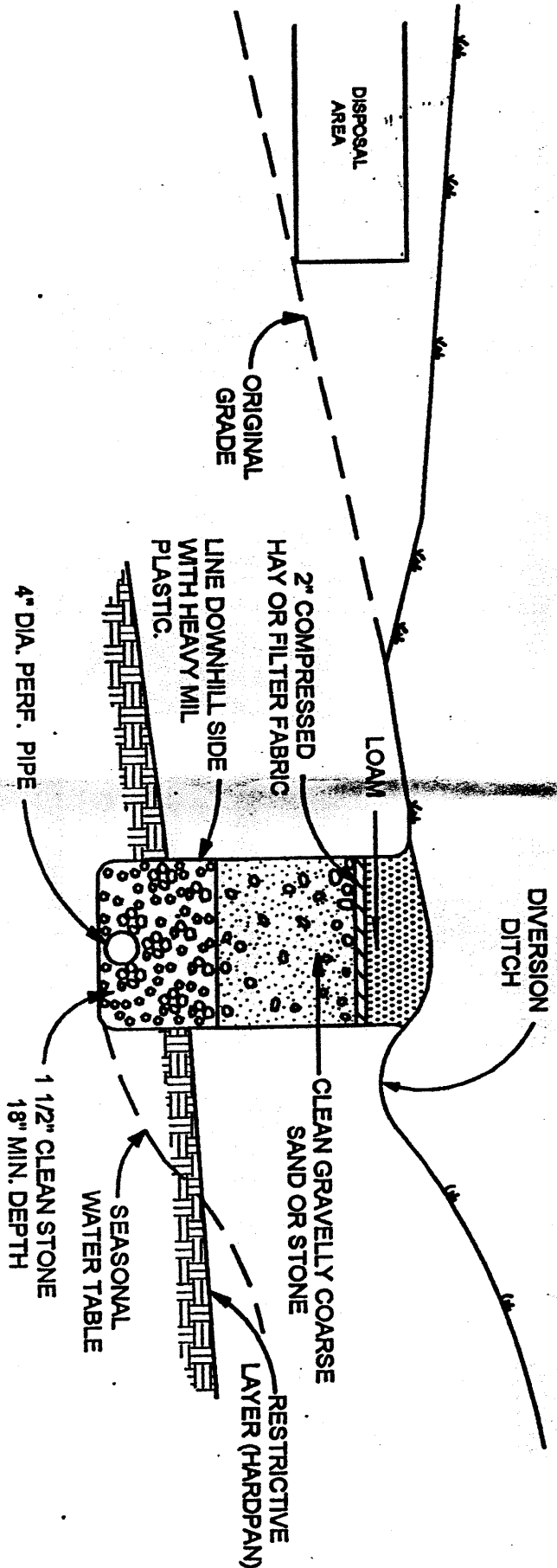
S.E.#

DATE

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5-1-11

TYPICAL CURTAIN DRAIN



NOTES:

WILLIAM A. LABELLE, JR.

S. E. #

DATE

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5-1-11